

Title (en)

METHOD FOR MANUFACTURING SYNTHETIC RUBBER LATEX

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SYNTHETISCHEM KAUTSCHUKLATEX

Title (fr)

PROCÉDÉ DE FABRICATION DE LATEX DE CAOUTCHOUC SYNTHÉTIQUE

Publication

**EP 3590993 A1 20200108 (EN)**

Application

**EP 18761880 A 20180209**

Priority

- JP 2017036981 A 20170228
- JP 2018004679 W 20180209

Abstract (en)

Provided is a method for producing a synthetic rubber, the method comprising: an emulsification step of continuously feeding a solution or a dispersion of a synthetic rubber obtained by dissolving or dispersing the synthetic rubber in an organic solvent and an aqueous solution of an emulsifier to a mixer and mixing to continuously obtain an emulsion; a first removal step of removing the organic solvent from the emulsion continuously obtained in the emulsification step in a container while the emulsion is continuously transferred to the container regulated to a pressure condition of 700 to 760 mmHg; and a second removal step of removing the organic solvent from the emulsion that has undergone the first removal step under a pressure of less than 700 mmHg.

IPC 8 full level

**C08J 3/03** (2006.01); **B01F 23/80** (2022.01)

CPC (source: EP US)

**B01F 23/4105** (2022.01 - EP US); **B01F 23/806** (2022.01 - EP US); **C08J 3/07** (2013.01 - EP US); **C08J 3/09** (2013.01 - US); **B01F 23/483** (2022.01 - US); **C08J 2309/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2018159270A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**US 11466129 B2 20221011**; **US 2019367687 A1 20191205**; BR 112019017020 A2 20200414; BR 112019017020 B1 20230328; CN 110291135 A 20190927; CN 110291135 B 20220906; EP 3590993 A1 20200108; JP 7081585 B2 20220607; JP WO2018159270 A1 20191219; TW 201842001 A 20181201; TW I750329 B 20211221; WO 2018159270 A1 20180907

DOCDB simple family (application)

**US 201816486347 A 20180209**; BR 112019017020 A 20180209; CN 201880011631 A 20180209; EP 18761880 A 20180209; JP 2018004679 W 20180209; JP 2019502850 A 20180209; TW 107106264 A 20180223